

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	64	"4402053"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/20 13:44
S2	5	((("4402053") or ("6597971"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/20 13:44
S3	64	("3804270"   "3888362"   "3986007"   "4017721"   "4146924"   "4187051"   "4271477"   "4305130").PN. OR ("4402053"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 13:54
S4	0	S3 and image same mov\$3 same release with position	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 13:54
S5	27	S3 and image same mov\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 13:55
S6	18	S3 and image with mov\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 14:00
S7	0	observe same workpiece same without with stop\$3 with robot	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 14:01
S8	1	observe same workpiece same stop\$3 with robot	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 14:02
S9	0	estimat\$3 with workpiece with pose same visual with sensor	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 14:02
S10	0	estimat\$3 with workpiece with pose and visual with sensor	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 14:03
S11	121403	workpiece	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 14:03
S12	1133	workpiece same estimat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 14:03
S13	6	workpiece same estimat\$3 same pose	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 14:03

## EAST Search History

S14	6	workpiece same estimat\$3 same (pose or position) and visual with sensor	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 14:22
S15	81	robot and visual with sensor same workpiece	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 14:51
S16	86	image same workpiece same mov\$3 same robot	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/20 14:51
S17	0	(701/245,258,259).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/15 13:50
S18	720	(901/2,7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/15 13:50
S19	91	image same workpiece same mov\$3 same robot	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 13:50
S20	2333	(700/245,258,259).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/15 13:50
S21	3	(S18 S20) and robot same controller same synchronizing same image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/15 13:51
S22	83	robot and visual with sensor same workpiece	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 13:51